

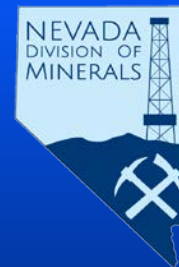
NEVADA EXCELLENCE IN MINE RECLAMATION AWARDS - 2020



Virtual Awards Presentation

September 28, 2020

Mike Visser – Awards Committee Chair



NEVADA EXCELLENCE IN MINE RECLAMATION AWARDS

- Awards Program began in 1991
- Purpose: “to recognize and share examples of successes in the areas of reclamation, closure, planning, and wildlife protection and enhancement in Nevada”
- Qualifications for an award:
 - Excellent mitigation of the environmental impacts of mineral industry activity
 - Work efforts which go above and beyond what is mandated
 - Worthy examples to share with others in the industry
- Awards require unanimous approval from Committee

2020 Nomination Review Team:

- Brian Amme, BLM
- Daniel Atkinson, BLM/NDEP-BMRR
- Susan Elliott, USFS
- Dominique Etchegoyhen, DCNR
- Matt Maples, NDOW
- Kelly McGowan, SEP
- Joe Sawyer, NDEP-BMRR
- Mike Visher, NDOM



Nevada Excellence in Mine Reclamation Award

KGHM Robinson Mine
Lane City Waste Rock Facility
White Pine County

Award Category:
Legacy Waste Rock Remediation



KGHM Robinson Mine

Lane City Waste Rock Facility



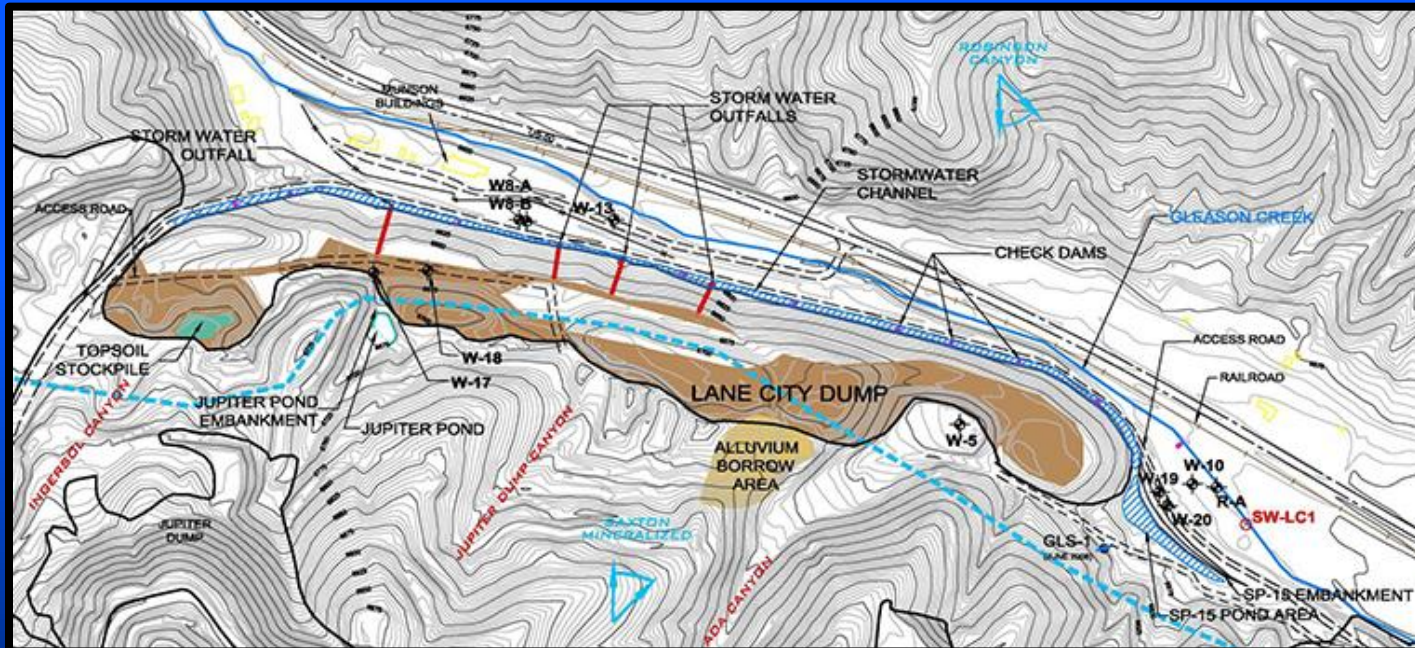
- Legacy mine feature
- Created 1950s - 1978
- Predates NV reclamation regulations
- Identified as potential source of contamination to groundwater and adjacent creek

KGHM Robinson Mine

Lane City Waste Rock Facility

➤ Reclamation included:

- Regrading slopes to 2.5:1
- Addition of limestone as buffering agent
- Construction of new stormwater pond and rip-raps to keep sediment from reaching creek
- Covering surface with growth media and seed



KGHM Robinson Mine Lane City Waste Rock Facility

Middle section,
prior to seeding



March 2020

KGHM Robinson Mine Lane City Waste Rock Facility

Addition of cover material

West End – March 2020



KGHM Robinson Mine Lane City Waste Rock Facility

- **This project is an excellent example of a mine operator's commitment to protection of the environment and remediation of a legacy feature for the protection of the community in which it operates.**



Accepting the award for **KGHM Robinson Mine:**



Frederick Parthey,
Manager
Environmental
Resources



Nevada Excellence in Mine Reclamation

Hudbay Minerals/

Mason Resources (US) Inc.

Mason Exploration Project

Lyon County

Award Category:

Concurrent Exploration Reclamation

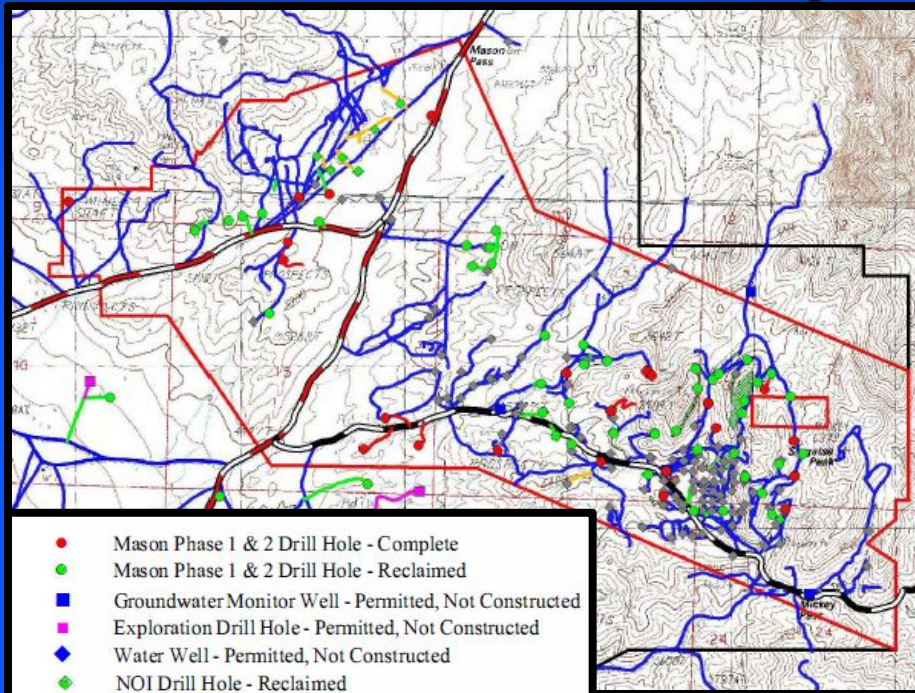
Letter of Recommendation From:

Matt Donaldson, NDEP-BMRR



Mason Resources:

Mason Exploration Project



- Mason Phase 1 & 2 Drill Hole - Complete
- Mason Phase 1 & 2 Drill Hole - Reclaimed
- Groundwater Monitor Well - Permitted, Not Constructed
- Exploration Drill Hole - Permitted, Not Constructed
- ◆ Water Well - Permitted, Not Constructed
- ◆ NOI Drill Hole - Reclaimed
- ◆ NOI Drill Hole - Complete
- ◆ Drill Hole by Previous Operator - Pre-1981
- Roulette NOI Drill Site- Reclaimed
- Entree Phase 1 & 2 Access Road - Not Reclaimed
- Entree Access Road - Permitted, Not Constructed
- Entree Phase 1 & 2 Access Road - Reclaimed
- NOI Drill Road - Reclaimed
- Roulette NOI Access Road- Reclaimed
- County Road
- Existing Road
- Pre-1981 Road
- Ann Mason PoO Approved Area
- Pre-1981 Disturbance
- Ann Mason Project Land Outline

- Detailed maps
- Tracking of reclamation status
- Photo documentation

- Concurrent reclamation during 10+ years of the project's exploration has allowed it stay well below its permitted disturbance of 50 acres.

Disturbed and Reclaimed Acreage Summary Table

Effective Date	Bonded Acres Disturbed	Bonded Acres Reclaimed, but not released	Total Acres Released	Description
2010-Jan	4.9	0.0	0.0	Disturbed acres rolled over from previous NOI.
2011-Feb	8.7	0.0	0.0	Initial Plan Level Drilling related disturbance.
2012-Jun	5.8	12.9	0.0	New disturbances followed by first phase of major reclamation.
2013-Jun	7.5	12.9	0.0	New disturbances
2014-Jun	7.5	12.9	0.0	
				New disturbances in fall 2014. Some previously reclaimed sites were re-occupied.
2015-Jun	13.3	11.3	0.0	
2016-Jun	13.3	11.3	0.0	
2017-Jun	4.3	20.3	0.0	Major phase of reclamation in Fall 2016.
2017-Dec	5.1	12.8	7.7	7.7 acres related to 40 sites and associated roads released.
2018-Dec	5.1	12.8	7.7	
				Additional 10.2 acres released. New 2.3 acres of disturbances created and reclaimed in same year. Third phase of reclamation totalling 4.4 acres.
2019-Dec	2.9	7.0	17.9	

Mason Resources: Mason Exploration Project

Examples of successful concurrent reclamation:

Site BH-10-006

Disturbed 2010

Reclaimed 2012

Released 2017



Mason Resources: Mason Exploration Project

Example of successful concurrent reclamation:

Site AM-14-060

Disturbed 2014

Reclaimed 2016

Released 2019



Mason Resources:

Mason Exploration Project - 2019 Activity

Drill site location (HBM-002)



Drill pad 2019 prior to reclamation



**Post reclamation 2019
(earthwork, scarification,
and seeding)**

Mason Resources:

Mason Exploration Project – 2019 Activity

Drill site location (HBM-003)



Drill pad 2019 prior to reclamation



**Post reclamation 2019
(earthwork, scarification,
and seeding)**

Mason Resources

Mason Exploration Project

- This project exemplifies the best management practice of concurrent reclamation to minimize the environmental impacts associated with permitted surface disturbance.

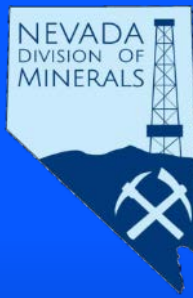


Accepting the award for **Mason Resources (US) Inc.:**



**Matthew
Cunningham,
Exploration
Manager**

On behalf of the Awards Committee, thank you to all that submitted nominations and congratulations to our award winners.



Next year's submissions are due by July 9, 2021